

**BY ORDER OF THE COMMANDER
908TH AIRLIFT WING**

**908TH AIRLIFT WING INSTRUCTION
91-201**



5 MAY 2008

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Safety*

**BLANK AMMUNITION SAFETY
PROCEDURES**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements Air Force Policy Directive (AFPD) 91-2, *Safety Programs*, and Department of Defense (DoD) 6055.9- Standard (STD), *DoD Ammunition and Explosives Safety Standards*. The purpose of this instruction is to establish responsibilities, procedures for issue, expenditure, turn-in, control, and inventory of blank ammunition, emergency and abnormal conditions/actions and safety requirements. It establishes the need to ensure appropriate accountability, issue, receipt, and handling procedures for training/demonstration of blank ammunition are adhered to at all times. It identifies hazards and states safety precautions and rules when working with blank ammunition. It provides guidance and procedures for using and handling blank ammunition throughout 908th Airlift Wing (908 AW). Furthermore, it reinforces the necessity for close compliance with applicable safety measures and procedures before, during, and after any training, exercise, or demonstration scenarios. It applies to all 908 AW unit personnel engaged in blank ammunitions handling. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the AF Form 847, *Recommendation for Change of Publication* as prescribed by AFI 11-215, *USAF Flight Manual Program (FMP)*. Route AF Form 847 to the 908 AW/SE at Maxwell AFB AL. Ensure that all records created as a result of processes prescribed in this publication are maintained in accordance with Air Force Manual (AFMAN) 37-123 (will convert to AFMAN 33-363), *Management of Records*, and disposed of in accordance with the Air Force Records Disposition Schedule (RDS) located at <https://afirms.amc.af.mil/>.

SUMMARY OF CHANGES

This interim change implements new changes to Responsibilities for controlling ammunition in the training environment section, Approving Official, and add 2 more attachments to this Air Wing Instruction. A margin bar indicates newly revised material.

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1. Explosive limits, including the hazard class/division and compatibility group of the explosives involved. TYPE HAZ/CLASS COMP

<u>QTY</u>			
1.1.	Ctg 5.56MM Blank (M200)	1.4	S 10000

2. Personnel limits.

- 2.1. Supervisors: 1
- 2.2. Workers: 20
- 2.3. Casuals: 2

3. Safety requirements, to include special equipment requirements.

- 3.1. Two 2A: 10BC fire extinguishers mounted on the explosives transport vehicle.
- 3.2. First aid kit (NSN 6545-00-116-1410 or suitable substitute).
- 3.3. Radios (as required).
- 3.4. Wheel chocks.
- 3.5. Leather gloves when handling or moving munitions containers.
- 3.6. Wooden dunnage for separation of munitions containers in stacks.
- 3.7. Hand tools for opening/closing munitions containers.
- 3.8. Cargo tie-down straps.
- 3.9. Applicable Operating Instructions.
- 3.10. Eye protection (as required).
- 3.11. Hearing protection (as required).
- 3.12. Fire fighting/chemical protective equipment at locations where munitions are used or stored.
- 3.13. Munitions residue containers.
- 3.14. Appropriate Fire/Chemical Hazard Symbols will be posted when munitions are stored in Licensed location, Fire/Chemical Hazard symbol decals must be affixed to noncombustible material cut to the same distinct shape as the decal.
- 3.15. Safety toe shoes.

4. General Safety Requirements.

- 4.1. Explosives will be handled, transported, and used only by personnel trained in the task to be performed.
- 4.2. Explosives will not be tumbled, thrown, dropped, or handled in a rough manner.
- 4.3. No attempt will be made to disassemble, modify, or alter explosive items; or to use in a manner other than their intended purpose.
- 4.4. If abnormal conditions relating to the safe configuration of an explosive item are noted, no attempts will be made to use or correct the condition. Notify the Weapons Safety Manager, the Munitions Supervisor, and Explosive Ordnance Disposal (EOD) for assistance as needed.
- 4.5. Explosive items will be stored and transported in their approved storage and shipping container.

- 4.6. Only the quantity of munitions necessary for a specific operation will be drawn from storage.
- 4.7. A pre-exercise safety briefing will be conducted for all personnel before deployment to the exercise site.
- 4.8. Individuals armed with live ammunition in accordance with (IAW) AFI 31-207, *Arming and Use of Force by Air Force Personnel*, will not participate in the exercise scenario. Weapons will be loaded IAW AFI 31-229, *USAF Weapons Handling Procedures*, at an approved clearing barrel.
- 4.9. In the event of an emergency, the exercise scenario will be stopped, all weapons will be placed in the safe position, and personnel will await instructions from appropriate supervisory personnel.
- 4.10. Leather gloves will be used when handling or moving munitions containers.
- 4.11. Blank ammunition will not be fired from any weapon that does not have a blank adapter installed.
- 4.12. M-16 blank ammunition will not be fired at personnel any closer than 30 feet.
- 4.13. Loading and unloading of weapons will be performed at an approved clearing barrel area.
- 4.14. Weapons will **NEVER** be fired from inside buildings.
- 4.15. Blank firing adapters will **NEVER** be covered or camouflaged in any way and will only be hand tightened.
- 4.16. M-16A2 blank ammunition will not be fired at or toward personnel who are within 30 feet. Personnel within the firing limits can be acted upon by calling out "**Safety Kill**".

5. Responsibilities for controlling ammunition in the training environment.

- 5.1. Commanders and supervisors are responsible for ensuring personnel are properly trained, exercises are thoroughly planned, and requirements are stringently complied with.
- 5.2. Supervisors must know safety standards that apply to their functional area, monitor for hazards, train personnel on weapons safety standards, report mishaps, and enforce the use of protective equipment.
- 5.3. Commanders will designate a disinterested representative(s) to monitor the installation/removal of blank ammunition from magazines.
- 5.4. All assigned personnel are responsible for complying with explosive safety standards, instructions, and technical Orders; identifying hazards, using protective equipment, and reporting injury or impaired health conditions to their supervisors.
- 5.5. During all exercises where blank ammunition is used; it is the responsibility of everyone to ensure that no live ammunition is introduced in the exercise. Each member must check their ammunition at the beginning and ending of each shift on each day of the exercise. All discrepancies will be reported at once to member's supervisor.
- 5.6. Individuals armed with live ammunition IAW AFI 31-207, **will not** participate in the exercise scenario.

5.7. Members from wing safety will periodically inspect member's ammunition to ensure no live ammunition has been introduced into the exercise.

5.8. Blank ammunition and live ammunition **will not** be stored in the same immediate area. All live ammunitions will be identified as such by the placement of signs and/or markers.

5.9. At no time will any ammunition be left un-attended. All stockpiled blank and live ammunitions must be separated by the use of a Weapons/Ammunitions Courier.

5.10. The commander will appoint an Exercise Team Chief (ETC).

5.11. The ETC will prepare written procedures specific to each exercise using Attachment 3 of this document.

5.11.1. **Attachment 3** will be coordinated with the following authorities, in the following order:

5.11.1.1. Exercise Team Chief (for approval/signature)

5.11.1.2. Wing Ground Safety Manager (for approval/signature)

5.11.1.3. Responsible Commander (for approval/signature)

5.11.1.4. Wing Safety Office (for filing)

6. Qualifications for personnel to issue ammunition.

6.1. Only Combat Arms, Munitions, or a member designated in writing by the Commander will be allowed to issue ammunition.

6.2. All personnel designated to issue ammunition must comply with the following:

6.2.1. Hold the rank of Technical Sergeant (TSgt) and or above.

6.2.2. Successfully completed small arms explosive safety training within the past 12 months.

6.2.3. Familiar with safety precautions associated with small arms ammunition.

7. Step-by-step instructions for inspection and loading, issuing, turn-in, and controlling ammunitions.

7.1. Inspection and Loading

7.1.1. Combat Arms, Munitions, or a member designated by the Commander will visually inspect all blank munitions prior to use in all exercises.

7.1.2. Combat Arms, Munitions, or a member designated by the Commander will supervise the loading of all magazines with blank munitions. At no time will live ammunition be present during the loading of blank ammunition.

7.1.3. Combat Arms, Munitions, or a member designated by the Commander will ensure that all magazines containing blank munitions are sealed with tape and marked with the initials of the member responsible for loading.

7.1.4. Combat Arms, Munitions, or a member designated by the Commander will ensure that all magazines containing blank munitions are stored in a metal container during

exercises. The container will be sealed and “**BLANK AMMO**” will be written on the outside of the container.

7.1.5. All magazines loaded with blank ammunition shall be marked with the color blue. Use blue paint or blue tape; a minimum of 3 inches wide on the bottom two thirds of the magazine to mark magazine loaded with blank munitions.

7.2. Issue.

7.2.1. A member designated in writing by the Commander will sign issue documents from the Munitions Custodian prior to being issued any munitions.

7.2.2. All designated personnel picking up munitions must follow transportation safety procedures in accordance with AFMAN 91-201, AFRC Sup 1, *Explosives Safety Standards*.

7.2.3. A member designated by the Commander will only issue blank ammunition to a POC, Supervisor or Team Leader via AF Form 1297, *Temporary Issue Receipt* for the container of blank ammunition. The POC, Supervisor or Team Leader will issue blank munitions to their personnel.

7.2.3.1. The AF Form 1297 will be filled out with type of munitions, quantity of munitions issued, Lot Number of the munitions, and name and rank of individual the ammunition was issued to.

7.2.3.2. All members issued blank ammunitions must visually inspect their loaded magazine to ensure no live ammunition is present.

7.2.4. All weapons must be cleared, inspected, and function checked prior to issuance of blank ammunition to ensure no foreign material, live rounds, or projectiles are in the weapon.

7.2.5. All AF Form 1297's will be maintained for a period of 90 days from date of issue by the Munitions Custodian.

7.3. Turn-in.

7.3.1. Accurate recording of munitions turned in by individuals will be accomplished as follows:

7.3.1.1. The quantity expended and turned in will be recorded at the termination of the exercise. Discrepancies in accountability will be resolved before departing the exercise area.

7.3.2. All unexpended rounds, duds and/or damaged blank munitions will be returned to the issue point upon completion of the exercise. Supervisors and Team Leaders will ensure all personnel and equipment are inspected for any unfired blank rounds.

7.3.3. The Commander will designate a Senior NCO to monitor the removal of blank munitions from magazines.

7.3.4. The Munitions Custodian will visually inspect all unexpended blank munitions to ensure “blank rounds” are not mixed / stored with live munitions.

7.3.5. The munitions custodian will make a physical inventory of all assets turned in. The munitions custodian will record the turn in of munitions by comparing the turn in to the issue documents. Any discrepancies will be corrected before proceeding any further.

7.3.6. Upon completion of the inspection, unexpended blank munitions will be stored in the original container according to lot number and a seal will be placed on the container. AF Form 2005, *Issue/Turn-In Request* or computer Infopath Forms will be filled out for the number of rounds expended. The munitions will then be returned to the supply point for turn-in.

7.4. Controlling Ammunitions.

7.4.1. M-16's will not be used as guard weapons. Members armed with the M-16 and performing official duties will not be permitted into the exercise area. Individuals qualified to carry the M-9 pistol will perform "Over-watch" (Guard Duty) for protection of resources used in field exercises. The base of the M-9 magazine will be painted red to identify the magazine and the M-9 as containing "Live Rounds".

8. Marking magazines and certification and separation of live and blank ammunitions.

- 8.1. Weapons will be loaded and unloaded IAW AFI 31-299, at an approved clearing barrel.
- 8.2. Blank ammunition has a distinctive star crimp at the tip and does not have a projectile.
- 8.3. All M-16 weapons will be fitted with blank adapters prior to loading blank ammunition.
- 8.4. Prior to loading a magazine or weapon, visually inspect ammunition to ensure that blank ammunition is being used. Load each round individually for 100% accuracy. All magazines loaded with blank ammunition shall be marked with the color blue. Use blue paint or blue tape; a minimum of 3 inches wide on the bottom two thirds of the magazine to mark magazine loaded with blank munitions.
- 8.5. Visually inspect each magazine to ensure that no ammunition has been accidentally left in the magazine during prior usage.
- 8.6. In the event that a preloaded magazine is given to you, carefully examine each individual round to ensure that no projectile is visible.
- 8.7. All blank and live ammunition stockpiles will be properly labeled, sealed, and physically separated by a distance of no less than 10 feet

9. Exact location for Training Exercises.

- 9.1. Various Combat Readiness Training Centers and other remotely located Resource Protection training areas.
- 9.2. Any site selected must be surveyed for:
 - 9.2.1. Potential fire hazards to vegetation and facilities.
 - 9.2.2. Availability of fire fighting equipment and personnel.
 - 9.2.3. Accessibility for emergency equipment.
 - 9.2.4. Ability to control accesses during the exercise.
 - 9.2.5. Disruption or interference with other installation activities.

9.2.6. Ease of cleaning and validation of the area at the completion of the exercise.

9.2.7. Adverse public reaction and safety.

9.3. The method of employment will be in accordance with this instruction and all applicable Air Force Instructions and applicable Technical Orders (T.O.),

10. Prior to exercise procedures.

10.1. Prior to start of all training exercises, check all ammunition pouches, rucksacks, mobility bags, and magazines for live ammunitions.

10.2. The safety official will conduct a safety briefing prior to exercise beginning; a sign in sheet will be completed and maintained for a period of 90 days in the squadron safety office.

10.3. The safety official will establish a weapon clearing area where weapons can be checked prior to and after exercises or incase of accidents during the exercise.

11. Actions to be taken during an emergency or abnormal condition.

11.1. The safety official designated by the Exercise Commander, will have a cellular phone or radio to enable him/her to contact emergency personnel in case of an accident.

11.2. The safety official will obtain a list of emergency numbers to contact from the exercise area in case of any accidents.

11.2.1. The safety official will ensure that the Security Forces Commander, Superintendent, Munitions Accountability and Supply Officer (MASO), Medical personnel and Ground Safety are notified of any accidents.

11.3. The safety official will be responsible for completing any preliminary safety investigation reports that need to be completed.

11.4. In the event of an emergency, the exercise scenario will be stopped, all weapons will be set to safe, and personnel will await instructions from appropriate supervisory personnel.

11.5. If an armed person becomes sick or injured, their weapon and ammunition will be turned over to the person in charge for proper turn-in.

11.6. When a real world injury is sustained by anyone in the exercise area, all activities will cease immediately and medical aid will be provided as needed. The following code words **will be used by anyone in the exercise area** to identify the need for medical assistance:

11.6.1. Minor Injuries – call out **“Band-Aid”, “Band-Aid”, “Band-Aid”**

11.6.2. Major Injuries – call out **“Lifesaver”, “Lifesaver”, “Lifesaver”**

11.6.3. Fire (any size) – call out **“Chicago”, “Chicago”, “Chicago”**

11.7. During any time of the exercise, anyone can call a cease-fire or temporary termination by announcing **“LIFE SAVER, LIFE SAVER, LIFE SAVER”**. Lifesaver, when announced three times will indicate a “Real World” medical emergency.

11.8. If and when Life Saver is used, the 908th Security Forces Squadron Commander (908 SFS/CC, Augmentation Force/CC's, senior Opposing Forces (OPFOR), and any other Very Important Person (VIP) will be notified immediately.

11.9. The senior leadership will determine the severity of the injury and insure that medical attention is rendered as soon as possible (ASAP) before resuming play.

12. Reconciliation of assets during an exercise.

12.1. Prior to the start of the exercise, a beginning shift inventory will be accomplished to ensure all assets are accounted for.

12.2. At the end of each shift, an ending inventory will be accomplished. The exercise will halt until this is accomplished. Any discrepancies in the accountability of munitions will cease the exercise until corrected.

12.3. At the end of the day, all munitions will be inventoried for accountability. Any discrepancies will be identified and corrected before issuing any munitions the next exercise day.

12.4. All inventories (Beginning of Shift, Change of Shift, End of Day, and End of Exercise) will be documented and maintained until the next Custodian Inventory or Munitions Accountability Supply Officer Inventory is conducted.

12.5. Armors/Unit Munitions Couriers will perform and document inventories of their assigned live ammunition.

13. Controlling explosive residue.

13.1. Explosive training items, although normally containing comparatively small amounts of explosive material can be extremely hazardous if not properly handled and used. Stringent control and accountability are essential to ensure they do not fall into the wrong hands or are used in an unauthorized manner. Experience has shown those items inadvertently left on training range/exercise areas or taken to quarters and used for pranks or experimentation can result in serious mishaps.

13.2. Empty reusable containers; i.e. wire bound wooden boxes, ammo clips, ammo cartons are to be saved and returned to the Munitions Custodian for reuse.

14. Reconciliation and certification of expenditures.

14.1. All cartridge cases will be collected and turned in as munitions residue immediately after the exercise.

14.2. Expended blank ammunition will be collected and put into wooden boxes or ammo cans marked with red tape or black marker stating "Spent Blanks". This munitions residue will be turned into the munitions storage area and accounted for at the end of the exercise in accordance with AFMAN 91-201 AFRC Sup 1.

14.3. No unexpended rounds will be collected in the "Spent Blank" canisters.

15. Post Exercise Clean-up.

15.1. Prior to termination of training, check all ammunition pouches, rucksacks, mobility bags and magazines for live ammunitions.

15.2. A thorough policing of the exercise area must be accomplished at the completion of the exercise to ensure the removal of any unexploded items or munitions residue that could be

harmful to the public or used in an unauthorized manner. The clean-up effort will consist of the following, as a minimum:

- 15.2.1. A review of accounting and control records for accountability of munitions stocks transported to the exercise area.
- 15.2.2. Close-abreast sweeping and policing of the exercise area and removal of all expended munitions residue, packing material, and other litter.
- 15.2.3. A responsible individual will validate the clean up of the exercise area. The individual must have first-hand knowledge of the clean-up efforts.
- 15.2.4. All expended munitions residue and packing material and munitions containers will be returned to 908 AW Munitions Management for inspection and disposition IAW T.O. 11A-1-60, *General Instructions- Inspection of Reusable Munitions Container and Scrap Material Generated From Items Exposed To Or Containing Explosives*. User will inspect munitions residue, packing material and munitions containers for live rounds before turn-in to Munitions.
- 15.2.5. Unused serviceable munitions that has been removed from their shipping/storage containers will be returned to its original shipping container before transporting it back to 908 AW Munitions Management.

16. Home Station Recovery Process.

- 16.1. Upon return from exercise, all weapons will be cleared at a clearing barrel prior to turn-in to armory or storage vault.
- 16.2. Using the buddy system all ammunition pouches, rucksacks, mobility bags and magazines will be checked for blank ammunitions, spent ammunition, or live ammunition. If any ammunition is found, it will be turned in to the Munitions Custodian immediately.

17. Transportation of explosives.

- 17.1. Individuals operating vehicles or equipment transporting explosives will be trained and qualified to handle and transport explosives. Drivers will be identified and training will be documented on an AF Form 483, *Certificate of Competency* or through VCNCO, Vehicle Control Non Commissioned Officer on an AF Form 171 *Request for Driver's Training and Addition to U.S. Government Drivers License*.
- 17.2. Explosives will be transported in military vehicles only.
- 17.3. The vehicle used must be in good mechanical condition. There will be no fuel leaks or excessive oil on the engine or exhaust system. Particular attention will be given to chafing or deteriorated electrical wiring.
- 17.4. A minimum of two 2A:10BC fire extinguishers will be available with the transport vehicle. Extinguishers will be mounted inside and outside the vehicle.
- 17.5. Vehicles will not be fueled with explosives on board.
- 17.6. Vehicles loaded with explosives will not be left unattended.
- 17.7. Passengers will not ride in the cargo compartment of vehicles transporting explosives.

17.8. Explosive items will be packaged in original configured packing, loaded, and tied down to prevent movement during transport.

17.9. Vehicle operator will be thoroughly familiar with their explosive cargo, and in the event of a mishap, breakdown, or other unusual event, will be prepared to brief emergency response personnel or local authorities on the class, quantity, and characteristics of the cargo. Driver will carry DD Form 836 *Dangerous Goods Shipping Paper/Declaration and Emergency Response Information for Hazardous Materials Transported by Government Vehicles* and other documents required by Code of Federal Regulation (CFR) Title 49, *Transportation*.

17.10. All fires starting in the vicinity of ammunitions or explosives will be reported and fought immediately with all available means to prevent the spreading of fire and munitions involvement. If the fire engulfs explosives or is supplying heat to it, or if the fire is so large that it cannot be extinguished with the equipment at hand, the personnel involved shall evacuate seeking safety and notify the Fire Department. For fires not involving munitions the evacuation distance is 300 feet. Once evacuated to the safe distance the Fire Department must be notified.

17.11. Off-base travel routes will avoid heavily populated areas, tunnels, narrow streets, or places where large crowds are gathered.

17.12. Smoking is not permitted in or within 50 feet of vehicles transporting explosives.

17.13. Except for emergencies, explosives laden vehicles will not stop nor park at any location between the pickup point and the destination.

MICHAEL J. UNDERKOFER, Col, USAFR
Commander

Attachment 1

GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION

References

AFI 31-207, *Arming and Use of Force by Air Force Personnel*, 1 Sep 1999

AFMAN 31-229, *USAF Weapons Handling Manual*, 12 May 2004

AFMAN 91-201, AFRC Sup 1, *Explosives Safety Standards*, 1 Dec 2002

AFPD 91-2, *Safety Programs*, 28 Sep 1993

CFR Title 49, *Transportation*, 1 October 2002

DoD 6055.9-STD, *DoD Ammunition and Explosives Safety Standards*, 5 October 2004

T.O. 11A-1-46, *Fire Fighting Guidance, Transportation and Storage Management Data*, 5 Feb 2007

T.O. 11A-1-60, *General Instructions- Inspection of Reusable Munitions Container and Scrap Material Generated From Items Exposed To, Or Containing Explosives*, 15 January 2007

AFI 21-101_AFRC_I, *Aircraft and Equipment Maintenance Management*, 3 February 2007

AFI 11-215, *USAF Flight Manual Program (FMP)*, 6 Apr 2005

AFMAN 37-123, *Management of Records*, 31 Aug 1994

Abbreviations and Acronyms

AFI—Air Force Instruction

AFMAN—Air Force Manual

IAW—In Accordance With

MASO—Munitions Accountability and Supply Officer

OPFOR—Opposing Forces

RDS—Records Disposition Schedule

EOD—Explosive Ordnance Disposal

OPR—Office of Primary Responsibility

VCNCO—Vehicle Control Non-Commissioned Officer

Terms

“Safety Kill”—To be used in place of a kill shot when opposing force is within 30 feet

“Band—Aid, Band-Aid, Band-Aid”—Real world minor injuries

“Lifesaver, Lifesaver, Lifesaver”—Real world major injuries

“Chicago, Chicago, Chicago”—Real world fire (any size)

“Over—watch”—Guard Duty

Attachment 2

908TH AIRLIFT WING EXERCISE BLANK AMMUNITION PRE-EXERCISE SAFETY BRIEFING/CHECKLIST

- Explosives will be handled, transported, and used only by personnel trained in the task to be performed.
- Explosives will not be tumbled, thrown, dropped, or handled in a rough manner.
- No attempt will be made to disassemble, modify, or alter explosive items; or to use in a manner other than their intended purpose.
- If abnormal conditions relating to the safe configuration of an explosive item are noted, no attempts will be made to use or correct the condition. Notify the Weapons Safety Manager, the Munitions Supervisor, and Explosive Ordnance Disposal (EOD) for assistance as needed.
- Explosive items will be stored and transported in their approved storage and shipping container.
- Only the quantity of munitions necessary for a specific operation will be drawn from storage.
- A pre-exercise safety briefing will be conducted for all personnel before deployment to the exercise site.
- Individuals armed with live ammunition IAW AFI 31-207, *Arming and Use of Force by Air Force Personnel*, will not participate in the exercise scenario. Weapons will be loaded IAW AFI 31-229, *USAF Weapons Handling Procedures*, at an approved clearing barrel.
- In the event of an emergency, the exercise scenario will be stopped, all weapons will be placed in the safe position, and personnel will await instructions from appropriate supervisory personnel.
- Leather gloves will be used when handling or moving munitions containers.
- Blank ammunition will not be fired from any weapon that does not have a blank adapter installed.
- Blank ammunitions (M-16) will not be fired at personnel any closer than 30 feet.
- Loading and unloading of weapons will be performed at approved clearing barrel areas.
- Weapons will **NEVER** be fired from inside buildings.
- Blank firing adapters will **NEVER** be covered or camouflaged in any way and will only be hand tightened.
- Blank M-16A2 ammunition will not be fired at or toward personnel who are within 30 feet. Personnel within the firing limits can be acted upon by calling out "**Safety Kill**". Cadre will determine if the person being fired at will be considered a casualty. If it cannot be determined the aggressor or defender will be instructed to fall back to a safe distance and re-engage the target.
- All assigned personnel are responsible for complying with explosive safety standards, instructions, and Technical Orders; identifying hazards, using protective equipment, and reporting injury or impaired health conditions to their supervisors.

- During all exercises where blank ammunition is used; it is the responsibility of everyone to ensure that no live ammunition is introduced in the exercise. Each member must check their ammunition at the beginning and ending of each shift on each day of the exercise. All discrepancies will be reported at once to member's supervisor.
- Individuals armed with live ammunition IAW AFI 31-207, *Arming and Use of Force by Air Force Personnel*, **will not** participate in the exercise scenario.
- Blank ammunition and live ammunition **will not** be stored in the same immediate area. All live ammunitions will be identified as such by the placement of signs and/or markers.
- All magazines loaded with blank ammunition shall be marked with the color blue. Use blue paint or blue tape; a minimum of 3 inches wide on the bottom two thirds of the magazine to mark magazine loaded with blank munitions.
- All members issued blank ammunitions must visually inspect their loaded magazine to ensure no live ammunition is present.
- All weapons must be cleared, inspected, and function checked prior to issuance of blank ammunition to ensure no foreign material, live rounds, or projectiles are in the weapon.
- M16's will not be used as guard weapons. Members armed with the M-16 and performing official duties will not be permitted into the exercise area. Individuals qualified to carry the M-9 pistol will perform "Over-watch" (Guard Duty) for protection of resources used in field exercises. The base of the M-9 magazine will be painted red to identify the magazine and the M-9 as containing "Live Rounds".
- Blank ammunition has a distinctive star crimp at the tip and does not have a projectile.
- All M-16 weapons will be fitted with blank adapters prior to loading blank ammunition.
- Prior to loading a magazine or weapon, visually inspect ammunition to ensure that blank ammunition is being used. Load each round individually for 100% accuracy. All magazines loaded with blank ammunition shall be marked with the color blue. Use blue paint or blue tape; a minimum of 3 inches wide on the bottom two thirds of the magazine to mark magazine loaded with blank munitions.
- Visually inspect each magazine to ensure that no ammunition has been accidentally left in the magazine during prior usage.
- In the event that a preloaded magazine is given to you, carefully examine each individual round to ensure that no projectile is visible.
- Prior to start of all training exercises, check all ammunition pouches, rucksacks, mobility bags, and magazines for live ammunitions.
- The safety official will conduct a safety briefing prior to exercise beginning; a sign in sheet will be completed and maintained for a period of 90 days in the squadron safety office.
- In the event of an emergency, the exercise scenario will be stopped, all weapons will be set to safe, and personnel will await instructions from appropriate supervisory personnel.
- If an armed person becomes sick or injured, their weapon and ammunition will be turned over to the person in charge for proper turn-in.

When a real world injury is sustained by anyone in the exercise area, all activities will cease immediately and medical aid will be provided as needed. The following code words **will be used by anyone in the exercise area** to identify the need for medical assistance:

Minor Injuries – call out “Band-Aid”

Major Injuries – call out “Lifesaver”

Fire (any size) – call out “Chicago”

During any time of the exercise, anyone can call a cease-fire or temporary termination by announcing “LIFE SAVER, LIFE SAVER, LIFE SAVER”. Lifesaver, when announced three times will indicate a “Real World” medical emergency.

If and when Life Saver is used, the 908 SFS/CC, Augmentation Force/CC's, senior OPFOR, and any other VIP will be notified immediately.

The senior leadership will determine the severity of the injury and insure that medical attention is rendered ASAP before resuming play.

Prior to the start of the exercise, a beginning shift inventory will be accomplished to ensure all assets are accounted for.

At the end of each shift, an ending inventory will be accomplished. The exercise will halt until this is accomplished. Any discrepancies in the accountability of munitions will cease the exercise until corrected.

At the end of the day, all munitions will be inventoried for accountability. Any discrepancies will be identified and corrected before issuing any munitions the next exercise day.

Explosive training items, although normally containing comparatively small amounts of explosive material can be extremely hazardous if not properly handled and used. Stringent control and accountability are essential to ensure they do not fall into the wrong hands or are used in an unauthorized manner. Experience has shown those items inadvertently left on training range/exercise areas or taken to quarters and used for pranks or experimentation can result in serious mishaps.

All cartridge cases will be collected and turned in as munitions residue immediately after the exercise.

Prior to termination of training, check all ammunition pouches, rucksacks, mobility bags and magazines for live ammunitions.

A thorough policing of the exercise area must be accomplished at the completion of the exercise to ensure the removal of any unexploded items or munitions residue that could be harmful to the public or used in an unauthorized manner.

Upon return from exercise all weapons will be cleared at clearing barrel prior to turn-in to armory or storage vault.

Using the buddy system all ammunition pouches, rucksacks, mobility bags and magazines will be checked for blank ammunitions, spent ammunition, or live ammunition. If any ammunition is found, it will be turned in to the Munitions Custodian immediately.

Individuals operating vehicles or equipment transporting explosives will be trained and

qualified to handle and transport explosives. Drivers will be identified and training will be documented on an AF Form 483, *Certificate of Competency* or through VCNCO on an AF Form 171 *Request for Driver's Training and Addition to U.S. Government Drivers License*.

- Explosives will be transported in military vehicles only.
- The vehicle used must be in good mechanical condition. There will be no fuel leaks or excessive oil on the engine or exhaust system. Particular attention will be given to chafing or deteriorated electrical wiring.
- A minimum of two 2A:10BC fire extinguishers will be available with the transport vehicle. Extinguishers will be mounted inside and outside the vehicle.
- Vehicles will not be fueled with explosives on board.
- Vehicles loaded with explosives will not be left unattended.
- Passengers will not ride in the cargo compartment of vehicles transporting explosives.
- Explosive items will be packaged in original configured packing, loaded, and tied down to prevent movement during transport.
- Vehicle operator will be thoroughly familiar with their explosive cargo, and in the event of a mishap, breakdown, or other unusual event, will be prepared to brief emergency response personnel or local authorities on the class, quantity, and characteristics of the cargo. Driver will carry DD Form 836 *Dangerous Goods Shipping Paper/Declaration and Emergency Response Information for Hazardous Materials Transported by Government Vehicles*. And other documents required by CFR 49.
- All fires starting in the vicinity of ammunitions or explosives will be reported and fought immediately with all available means to prevent the spreading of fire and munitions involvement. If the fire engulfs explosives or is supplying heat to it, or if the fire is so large that it cannot be extinguished with the equipment at hand, the personnel involved shall evacuate and seek safety. For fires not involving munitions the evacuation distance is 300 feet.
- Off-base travel routes will avoid heavily populated areas, tunnels, narrow streets, or places where large crowds are gathered.
- Smoking is not permitted in or within 50 feet of vehicles transporting explosives.

Attachment 3

EXERCISE SPECIFIC WRITTEN PROCEDURES/PARTICIPANT BRIEFING

A3.1. Personnel Limits. Personnel will adhere to personnel limits while employing the use of explosives. Supervisors are responsible for enforcing the following personnel limits for the duration of the exercise: (Ref: AFMAN 91-201, Para 7.3.1.)

Supervisors: _____

Workers: _____

Casuals: _____

A3.2. Explosives Limits. Explosives limits will expose personnel to the minimum amount of explosives necessary to ensure the success of the exercise. This exercise will be limited to the deployment of the following amount of explosives: (Ref: AFMAN 91-201, Para 7.3.2.)

Hazard Class/Division 1.____ Compatibility Group____ Nomenclature_____

NSN_____, Rounds/Item Quantity_____

Hazard Class/Division 1.____ Compatibility Group____ Nomenclature_____

NSN_____, Rounds/Item Quantity_____

Hazard Class/Division 1.____ Compatibility Group____ Nomenclature_____

NSN_____, Rounds/Item Quantity_____

Hazard Class/Division 1.____ Compatibility Group____ Nomenclature_____

NSN_____, Rounds/Item Quantity_____

A3.3. Exact Location. Specifically detail the location(s) "play area" where munitions will be employed during this exercise. This location will be separated from all sited explosives storage areas by Public Traffic Route Distance (EXCEPTION: Security Forces). Contact the responsible Ground Safety Manager for further guidance. Munitions employment within a Munitions Storage Area MUST be authorized by the owning commander or Munitions Flight Chief. Personnel will not utilize munitions outside of the following location(s):

A3.4. Safety Requirements. Specify Personal Protective Equipment/Clothing, and additional equipment necessary to ensure a safe and healthful operation. The following clothing/equipment items will be used when necessary throughout the duration of the exercise ("X" all that apply):

A3.4.1. Personal Protective Equipment

___ Protective Eyewear

___ Hearing Protection

___ Safety Toe Footwear

___ Fire Extinguishers (readily available fire extinguishers WILL be provided)

___ Specify number of extinguishers available

___ Gloves

_____ Specify Type (i.e. leather, nylon, etc)

___ Other (list below)

A3.4.2. Transportation Safety Equipment

___ Vehicle Chocks

___ Fire Extinguishers (x2 per explosives laden vehicle)

___ Cargo Tie-Down Straps

___ Explosives Route Map

___ Explosives Vehicle Placards

___ Other (list below)

A3.4.3. Additional Safety Requirements

A3.5. Step-by-Step Procedures. Personnel are authorized to employ exercise munitions in accordance with the following:

M16-Series Weapons (AFPAM 10-100): Safety – Pg. 98

Loading – Pg. 103

Firing – Pg. 104

Reloading – Pg. 104

Clearing – Pg. 104

Immediate Action (SPORTS) – Pg. 105

Additional Procedures To Be Followed:

A3.6. Emergency Action. The following action will be taken during “Real-World” emergency situations:

1. **LIVE ROUND:** If a live-round is found commingled with blank ammunition, the exercise will STOP. The responsible commander will be notified of the situation, and ALL exercise ammunition will be inspected.
2. **MISFIRE PROCEDURES:** Personnel will utilize the “SPORTS” method in AFPAM 10-100, Page 105, if a misfire occurs. If this does not correct the issue, notify supervision immediately.

3. Other Emergency Notification Procedures. The following agencies will be notified as applicable during a "Real-World" Emergency:

- a. Fire: _____
- b. Local Safety: _____
- c. Medical: _____
- d. Command Post: _____
- e. EOD: _____
- f. Security Forces: _____
- g. Other: _____

A3.7. Designated Disinterested Individual(s). The responsible commander has designated the following individual(s) as the "Designated Disinterest Individual" in accordance with AFMAN 91-201, Para 7.25.1.1. The following individual will inspect all exercise ammunition, and will certify that only blank ammunition is loaded in exercise magazines.

Name/Rank: _____ Unit: _____

Phone: _____

A3.8. Expended Brass/Residue Turn-In Procedures. All personnel responsible for munitions during the exercise are responsible for being familiar with, and utilizing the following local expended brass/residue turn-in procedures:

Reference: _____

As a minimum the following procedures will be followed:

- 1. All expended munitions residue, packaging material, and munitions containers will be returned to the issuing munitions management function for inspection and disposition.
- 2. Using personnel will inspect munitions residue, packaging material, and munitions containers for live munitions prior to turn-in.
- 3. Unused, serviceable, munitions which have been removed from their shipping/storage containers will be returned to their original shipping container prior to transporting to the issuing munitions management function.

A3.9. Additional Safety Considerations. The following additional guidance is mandatory for the duration of the exercise:

A3.10. Coordination and Approval. The following authorities must approve these written procedures prior to implementation. The Exercise Team Chief will ensure that the Wing Ground Safety Manager (908 AW/SE) has been provided with a copy of these procedures after the Responsible Commander has authorized implementation.

Responsible Commander

Wing Ground Safety Manager

Exercise Team Chief

SE Initials